



09890172 - GAU: 3774

PTO/SB/08a (08-03)
Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office, U.S. DEPARTMENT OF COMMERCE

Under the Copyright Royalty Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)
Complete if Known

Application Number	09/890,172
Filing Date	July 25, 2001
First Named Inventor	Oren GLOBERMAN et al
Art Unit	37774
Examiner Name	PREBILIC, PAUL B
Attorney Docket Number	34982

Sheet 1 of 9

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date DD-MM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	1	1,175,530	14-Mar-1916	Kirchhoff	
	2	2002/0068974	06-Jun-2002	Kuslich et al.	
	3	2002/0099385	25-Jan-2002	Ralph et al	
	4	2002/0191487	19-Dec-2002	Sand	
	5	2003/0109883	12-Jun-2003	Matsuzaki et al.	
	6	2003/0174576	18-Sep-2003	Tague et al.	
	7	2003/0181963	25-Sep-2003	Pellegrino et al.	
	8	2003/040718	27-Feb-2003	Kust et al.	
	9	2004/0167625	26-Aug-2004	Beyar et al.	
	10	2004/0236313	25-Nov-2004	Klein	
	11	2004/0260303	23-Dec-2004	Carrison	
	12	2004/054377	18-Mar-2004	Foster et al	
	13	2004/059283	25-Mar-2004	Kirwan et al.	
	14	2005/0060023	17-Mar-2005	Mitchell et al.	
	15	2005/0083782	21-Apr-2005	Gronau et al.	
	16	2005/0143827	30-Jun-2005	Globerman et al.	
	17	2006/0079905	13-Apr-2006	Beyar et al.	
	18	2006/0264967	23-Nov-2006	Ferreyro et al.	
	19	2006/0271061	30-Nov-2006	Beyar et al.	
	20	2007/0027230	01-Feb-2007	Beyar et al.	
	21	2007/0032567	08-Feb-2007	Beyar et al.	
	22	2007/0282443	06-Dec-2007	Globerman et al.	
	23	2,067,458	14-Feb-1989	Nichols	
	24	2,918,841	29-Dec-1959	Poupitch	
	25	3,058,413	16-Oct-1962	Cavalieri	
	26	3,063,449	13-Nov-1962	Schultz	
	27	3,075,746	29-Jan-1963	Yablonski et al.	
	28	3,224,744	21-Dec-1965	Broomall	
	29	3,426,364	11-Feb-1969	Lumb	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under: WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/

Substitute for form 1449A/PTO

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT

(use as many sheets as necessary)

Complete if Known

Application Number	09/890,172
Filing Date	July 25, 2001
First Named Inventor	Oren GLOBERMAN et al
Art Unit	37774
Examiner Name	PREBILIC, PAUL B
Attorney Docket Number	34982

Sheet 2 Of 9

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	30	3,875,595	08-Apr-1975	Froning	
	31	3,976,060	24-Aug-1976	Hildebrandt et al.	
	32	4,079,917	21-Mar-1978	Popeil	
	33	4,115,346	19-Sep-1978	Gross et al.	
	34	4,170,990	16-Oct-1979	Baumgart et al.	
	35	4,185,072	22-Jan-1980	Puderbaugh et al.	
	36	4,268,639	19-May-1981	Seidel et al.	
	37	4,274,163	23-Jun-1981	Malcom et al.	
	38	4,309,777	12-Jan-1982	Patil	
	39	4,313,434	02-Feb-1982	Segal	
	40	4,346,708	31-Aug-1982	LeVeen et al.	
	41	4,349,921	21-Sep-1982	Kuntz	
	42	4,453,539	12-Jun-1984	Raftopoulos et al.	
	43	4,494,535	22-Jan-1985	Haig	
	44	4,522,200	11-Jun-1985	Stednitz	
	45	4,554,914	26-Nov-1985	Kapp et al.	
	46	4,558,693	17-Dec-1985	Lash et al.	
	47	4,562,598	07-Jan-1986	Kranz	
	48	4,632,101	30-Dec-1986	Freedland	
	49	4,636,217	13-Jan-1987	Ogilvie et al.	
	50	4,653,487	31-Mar-1987	Maale	
	51	4,653,489	31-Mar-1987	Tronzo et al.	
	52	4,686,973	18-Aug-1987	Frisch	
	53	4,697,584	06-Oct-1987	Haynes	
	54	4,758,096	19-Jul-1988	Gunnarsson	
	55	4,759,769	26-Jul-1988	Hedman et al.	
	56	4,772,287	20-Sep-1988	Ray et al.	
	57	4,786,184	22-Nov-1988	Berezkina et al.	
	58	4,892,550	09-Jan-1990	Huebsch	
	59	4,904,260	27-Feb-1990	Ray et al.	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁷ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/890,172
				Filing Date	July 25, 2001
				First Named Inventor	Oren GLOBERMAN et al
				Art Unit	37774
				Examiner Name	PREBILIC, PAUL B
Sheet	3	Of	9	Attorney Docket Number	34982
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	60	4,932,969	12-Jun-1990	Frey et al.	
	61	4,935,029	19-Jun-1990	Matsutani et al.	
	62	4,961,647	09-Oct-1990	Coutts et al.	
	63	4,969,888	01-Nov-1990	Scholten et al.	
	64	5,012,066	30-Apr-1991	Matsutani et al.	
	65	5,059,193	22-Oct-1991	Kuslich	
	66	5,059,199	22-Oct-1991	Okada et al.	
	67	5,078,919	07-Jan-1991	Ashley et al.	
	68	5,102,413	07-Apr-1992	Poddar	
	69	5,108,404	28-Apr-1992	Scholten et al.	
	70	5,112,333	12-May-1992	Fixel	
	71	5,116,335	26-May-1992	Hannon	
	72	5,122,400	16-Jun-1992	Stewart	
	73	5,123,926	23-Jun-1992	Pisharodi	
	74	5,131,382	21-Jul-1992	Meyer	
	75	5,171,248	15-Dec-1992	Ellis	
	76	5,171,278	15-Dec-1992	Pisharodi	
	77	5,209,753	11-May-1993	Biedermann et al.	
	78	5,236,445	17-Aug-1993	Hayhurst et al.	
	79	5,268,001	07-Dec-1993	Nicholson et al.	
	80	5,302,020	12-Apr-1994	Kruse	
	81	5,303,718	19-Apr-1994	Kajicek	
	82	5,333,951	02-Aug-1994	Wakoh	
	83	5,348,391	20-Sep-1994	Murray	
	84	5,356,382	18-Oct-1994	Picha et al.	
	85	5,376,123	27-Dec-1994	Klaue et al.	
	86	5,415,474	16-May-1995	Nelson et al.	
	87	5,480,403	02-Jan-1996	Lee	
	88	5,494,349	27-Feb-1996	Seddon	
	89	5,514,137	07-May-1996	Coutts	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional)

² See Kind Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/890,172
				Filing Date	July 25, 2001
				First Named Inventor	Oren GLOBERMAN et al
				Art Unit	37774
				Examiner Name	PREBILIC, PAUL B
Sheet	4	Of	9	Attorney Docket Number	34982
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number Number-Kind Code ² (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
	90	5,520,690	28-May-1996	Errico et al.	
	91	5,522,816	04-Jun-1996	Dinello et al.	
	92	5,522,899	04-Jun-1996	Michelson	
	93	5,534,028	09-Jul-1996	Bao et al.	
	94	5,549,380	27-Aug-1996	Lidgren et al.	
	95	5,549,381	27-Aug-1996	Hays et al.	
	96	5,549,679	27-Aug-1996	Kuslich	
	97	5,571,189	05-Nov-1996	Kuslich et al.	
	98	5,578,035	26-Nov-1996	Lin	
	99	5,591,197	07-Jan-1997	Orth et al.	
	100	5,601,557	11-Feb-1997	Hayhurst	
	101	5,609,637	11-Mar-1997	Biedermann et al.	
	102	5,645,598	08-Jul-1997	Brosnahan III	
	103	5,658,310	19-Aug-1997	Berger	
	104	5,683,451	04-Nov-1997	Lenker et al.	
	105	5,693,100	02-Dec-1997	Pisharodi	
	106	5,697,977	16-Dec-1997	Pisharodi	
	107	5,704,895	06-Jan-1998	Scott et al.	
	108	5,720,753	24-Feb-1998	Sander et al.	
	109	5,725,529	10-Mar-1998	Nicholson et al.	
	110	5,759,186	02-Jun-1998	Bachmann et al.	
	111	5,782,830	21-Jul-1998	Farris	
	112	5,782,838	21-Jul-1998	Beyar et al.	
	113	5,800,549	01-Sep-1998	Bao et al.	
	114	5,800,550	01-Sep-1998	Sertich	
	115	5,827,289	27-Oct-1989	Reiley et al.	
	116	5,842,785	01-Dec-1998	Brown et al.	
	117	5,876,457	02-Mar-1999	Picha et al.	
	118	5,911,721	15-Jun-1999	Nicholson et al.	
	119	5,968,044	19-Oct-1999	Nicholson et al.	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional)

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. ³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁵ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁶ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁷ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Complete if Known	
				Application Number	09/890,172
				Filing Date	July 25, 2001
				First Named Inventor	Oren GLOBERMAN et al
				Art Unit	37774
				Examiner Name	PREBILIC, PAUL B
Sheet	5	Of	9	Attorney Docket Number	34982

U.S. PATENT DOCUMENTS

Examiner Initials*	Cite No. 1	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	120	6,019,789	01-Feb-2000	Dinh et al.	
	121	6,126,689	03-Oct-2000	Brett	
	122	6,129,763	10-Oct-2000	Chauvin et al.	
	123	6,149,651	21-Nov-2000	Drewry et al.	
	124	6,161,955	19-Dec-2000	Rademaker	
	125	6,168,597	02-Jan-2001	Biedermann et al.	
	126	6,214,037	10-Apr-2001	Mitchell et al.	
	127	6,217,608	17-Apr-2001	Penn et al.	
	128	6,235,043	22-May-2001	Reiley et al.	
	129	6,241,734	05-Jun-2001	Scribner et al.	
	130	6,248,110	19-Jun-2001	Reiley et al.	
	131	6,261,289	17-Jul-2001	Levy	
	132	6,264,659	24-Jul-2001	Ross et al.	
	133	6,348,055	19-Feb-2002	Preissman	
	134	6,350,271	26-Feb-2002	Kurz et al.	
	135	6,375,682	23-Apr-2002	Fleischmann et al.	
	136	6,383,188	07-May-2002	Kuslich et al.	
	137	6,383,190	07-May-2002	Preissman	
	138	6,447,478	10-Sep-2002	Maynards	
	139	6,500,182	31-Dec-2002	Foster	
	140	6,554,833	29-Apr-2003	Levy et al.	
	141	6,613,054	02-Sep-2003	Scribner et al.	
	142	6,662,969	16-Dec-2003	Peeler et al.	
	143	6,719,761	13-Apr-2004	Reiley et al.	
	144	6,780,175	24-Aug-2004	Sachdeva et al.	
	145	6,875,219	05-Apr-2005	Arramon et al.	
	146	6,957,747	25-Oct-2005	Peeler et al.	
	147	6,974,247	13-Dec-2005	Frei et al.	
	148	6,979,341	27-Dec-2005	Scribner et al.	
	149	6,994,465	07-Feb-2006	Tague et al.	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant

1 Applicant's unique citation designation number (optional)

2 See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)

3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3)

4 For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

5 Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

6 Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number

Substitute for form 1449A/PTO				Complete if Known	
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/890,172
				Filing Date	July 25, 2001
				First Named Inventor	Orcn GLOBERMAN et al
				Art Unit	37774
				Examiner Name	PREBILIC, PAUL B
Sheet	6	Of	9	Attorney Docket Number	34982
U.S. PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Document Number	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Number-Kind Code ² (if known)			
	150	7,029,163	18-Apr-2006	Barker et al.	
	151	7,097,648	29-Aug-2006	Globerman et al.	
	152	Des. 279,499	02-Jul-1985	Case	
FOREIGN PATENT DOCUMENTS					
Examiner Initials*	Cite No. ¹	Foreign Patent Documents	Publication Date DD-MMM-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		Country Code ³ Number ⁴ Kind Code ⁵ (if known)			
	153	EP 0044877	03-Feb-1982	Kurz et al.	
	154	EP 0177781	16-Apr-1986	Draenert	
	155	JP 02-122017	09-May-1990	Watanabe et al.	
	156	JP 02-166235	26-Jun-1990	Serio et al.	
	157	EP 0235905	09-Sep-1987	Al-Rawi	
	158	EP 0475077	18-Mar-1992	Gogolewski et al.	
	159	EP 0493789	08-Jul-1992	Mudr	
	160	EP 0669100	30-Aug-1995	Linder et al.	
	161	EP 0748615	18-Dec-1996	Berger	
	162	RU 1011119	15-Apr-1983	Edinak	
	163	RU 1049050	23-Oct-1983	Drobotun et al.	
	164	EP 1074231	07-Feb-2001	Al-Assir	
	165	EP 1148850	20-Apr-2005	Globerman et al.	
	166	EP 1148851	24-May-2006	Globerman et al.	
	167	EP 1464292	06-Oct-2004	Dimauro et al.	
	168	EP 1552797	13-Jul-2005	Globerman et al.	
	169	DE 19612276	02-Oct-1997	Trautmann et al.	
	170	GB 2114005	17-Aug-1983	Baumgart et al.	
	171	GB 2197691	25-May-1988	Bron	
	172	GB 2413280	26-Oct-2005	Chen	
	173	DE 4104092	14-Aug-1991	Rieger	
	174	JP 54-009110	23-Jan-1979	Oomine	
	175	AU 724544	07-Nov-1996	Werdung et al.	
	176	JP 8322848	10-Dec-1996	Narushima	
	177	AU 9865136	22-Sep-1998	Bcyar et al.	
	178	WO 00/06216	10-Feb-2000	Kirwan et al.	
	179	WO 00/44319	03-Aug-2000	Globerman et al.	
Examiner Signature				Date Considered	

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO				Complete if Known		
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>				Application Number	09/890,172	
				Filing Date	July 25, 2001	
				First Named Inventor	Oren GLOBERMAN et al	
				Art Unit	37774	
				Examiner Name	PREBILIC, PAUL B	
Sheet	7	Of	9	Attorney Docket Number	34982	
FOREIGN PATENT DOCUMENTS						
Examiner Initials*	Cite No. ¹	Foreign Patent Documents Country Code ² , Number ³ , Kind Code ⁴ (if known)	Publication Date	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T ⁵
	180	WO 00/44321	03-Aug-2000	Globerman et al.		
	181	WO 00/44946	03-Aug-2000	Ben-Yosef et al.		
	182	WO 01/54598	02-Aug-2001	Shavit et al.		
	183	WO 02/02033	10-Jan-2002	Jaeggli et al.		
	184	WO 03/101596	11-Dec-2003	Jonsson		
	185	WO 2001/008571	08-Feb-2001	Dekel		
	186	WO 2003/061495	31-Jul-2003	Shavit et al.		
	187	WO 2004/019810	11-Mar-2004	Smith et al.		
	188	WO 2004/071543	26-Aug-2004	Bisig et al.		
	189	WO 2004/075965	10-Sep-2004	Sharrow et al.		
	190	WO 2004/080357	23-Sep-2004	Ferreiro Irigoyen et al.		
	191	WO 2004/110292	23-Dec-2004	Vachten		
	192	WO 2004/110300	23-Dec-2004	Beyar et al.		
	193	WO 2005/032326	14-Apr-2005	Beyar et al.		
	194	WO 2005/048867	02-Jun-2005	Tague et al.		
	195	WO 2005/051212	09-Jun-2005	Dunker et al.		
	196	WO 2005/110259	24-Nov-2005	Sala et al.		
	197	WO 2006/011152	02-Feb-2006	Beyar et al.		
	198	WO 2006/039159	13-Apr-2006	McGill et al.		
	199	WO 2006/090379	31-Aug-2006	Beyar et al.		
	200	WO 2007/015202	08-Feb-2007	Beyar et al.		
	201	WO 2007/036815	05-Apr-2007	Beyar et al.		
	202	WO 2007/148336	27-Dec-2007	Globerman et al.		
	203	WO 2008/004229	10-Jan-2008	Globerman et al.		
	204	WO 90/00037	11-Jan-1990	Michelson		
	205	WO 92/14423	03-Sep-1992	Madhavan		
	206	WO 94/12112	09-Jun-1994	Klinge		
	207	WO 95/13862	26-May-1995	Murray		
	208	WO 96/11643	25-Apr-1996	Ray et al.		
	209	WO 96/19940	04-Jul-1996	Zinger		
	210	WO 96/32899	24-Oct-1996	Werdning et al.		
	211	WO 96/37170	28-Nov-1996	Biedermann et al.		
	212	WO 97/28835	14-Aug-1997	Lang		
Examiner Signature				Date Considered		

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04. 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/

Approved for use through 07/31/2006. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO

**SUPPLEMENTAL
INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**

(use as many sheets as necessary)

Complete if Known

Application Number	09/890,172
--------------------	------------

Filing Date	July 25, 2001
-------------	---------------

First Named Inventor	Oren GLOBERMAN et al
----------------------	----------------------

Art Unit	37774
----------	-------

Examiner Name	PREBILIC, PAUL B
---------------	------------------

Sheet	8	Of	9	Attorney Docket Number	34982
-------	---	----	---	------------------------	-------

FOREIGN PATENT DOCUMENTS

Examiner Signature		Date Considered	
-----------------------	--	--------------------	--

* EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional)

² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).

³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST 3).

⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.

⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST-16 if possible.

⁶ Applicant is to place a check mark here if English language translation is attached.

The collection of information is required by 37 C.F.R. 1.46. This information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 C.F.R. 1.14. This collection is estimated to take 2 hours to complete, including the time to prepare, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete the form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449A/PTO		Complete if Known			
SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT BY APPLICANT <i>(use as many sheets as necessary)</i>		Application Number	09/890,172		
		Filing Date	July 25, 2001		
		First Named Inventor	Oren GLOBERMAN et al		
		Group Art Unit	37774		
		Examiner Name	PREBILIC, PAUL B		
Sheet	9	Of	9	Attorney Docket Number	34982
OTHER PRIOR ART – NON PATENT LITERATURE DOCUMENTS					
Examiner Initials	Cite No. ¹	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial symposium, catalog, etc.) date, page(s), volume-issue number(s), publisher, city and/or country where published.			T ²
	217	Baroud et al. "Injection Biomechanics of Bone Cements Used in Vertebroplasty", Biomedical Materials and Engineering, 00: 1-18, 2004.			
	218	Canale et al. "Campbell's Operative Orthopaedics - Volume three - Ninth edition", Mosby: P. 2097,2121, 2184-2185, 2890-2896, 1998. Abstract.			
	219	Cole et al. "AIM Titanium Humeral Nail System", Surgical Technique, DePuy Orthopedics, 17 P., 2000.			
	220	Heini et al. "The Use of A Side-Opening Injection Cannula in Vertebroplasty", Spine, 27(1): 105-109, 2002.			
	221	Hernandez et al. "Influence of Powder Particle Size Distribution on Complex Viscosity and Other Properties of Acrylic Bone Cement for Vertebroplasty and Kyphoplasty", Journal of Biomedical Materials Research, Part. B: Applied Biomaterials, 77B: 98-103, 2006.			
	222	Ishikawa et al. "Effects of Neutral Sodium Hydrogen Phosphate on Setting Reaction and Mechanical Strength of Hydroxyapatite Putty", Journal of Biomedical Materials Research, 44: 322-329, 199.			
	223	Ishikawa et al. "Non-Decay Type Fast-Setting Calcium Phosphate Cement: Hydroxyapatite Putty Containing An Increased Amount of Sodium Alginate", Journal of Biomedical Materials Research, 36: 393-399, 1997.			
	224	Krause et al. "The Viscosity of Acrylic Bone Cements", Journal of Biomedical Materials Research, 16: 219-243, 1982.			
	225	Lewis "Properties of Acrylic Bone Cement: State of the Art Review", Journal of Biomedical Materials Research" Applied Biomaterials, 38(2): 155-182, 1997. P.158, § Viscosity, Table II.			
	226	Lewis "Toward Standardization of Methods of Determination of Fracture Properties of Acrylic Bone Cement and Statistical Analysis of Test Results", Journal of Biomedical Research: Applied Biomaterials, 53(6): 748-768, 2000.			
	227	Nussbaum et al. "The Chemistry of Acrylic Bone Cements and Implications for Clinical Use in Image-Guided Therapy", Journal of Vascular and Interventional Radiology, 15: 121-126, 2004.			
	228	Steen "Laser Surface Treatment", Laser Material Processing, Springer, 2nd Ed., Chap.6: 218-271, 2003.			
	229	Varela et al. "Closed Intramedullary Pinning of Metacarpal and Phalanx Fractures", Orthopedics, 13(2): 213-215, 1990. Abstract.			
	230	Weissman et al. "Trochanteric Fractures of the Femur. Treatment With A Strong Nail and Early Weight-Bearing", Clinical Orthopedics and Related Research, 67: 143-150, 1969. Fig.			
Examiner Signature	/Paul Prebilib/			Date Considered	03/02/2009

* EXAMINER. Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of copy of this form with next communication to applicant.

¹ Applicant's unique citation designation number (optional).² See Kinds Codes of USPTO Patent Documents at www.uspto.gov or MPEP 901.04, 3 Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).³ Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3).⁴ For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document.⁵ Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible.⁶ Applicant is to place a check mark here if English language translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22303-1460.

ALL REFERENCES CONSIDERED EXCEPT WHERE LINED THROUGH. /PP/